



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management

### Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		COUNTY: HENDERSON PERMIT NO.: SWCD-45-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

**Date of Site Inspection:** 4/16/12, 4/27/12, 6/4/12, 7/12/12

**Date of Last Inspection:** 3/16/12

**FACILITY NAME AND ADDRESS:**

Waste Stream Innovations (WSI)  
4028 Haywood Road  
Mills River, NC 28759

**GPS COORDINATES:** N: 35.374254 E: -82.544585

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Name: Andrew Huske  
Telephone: (828) 273-7585  
Email address: [huskeandrew@bellsouth.net](mailto:huskeandrew@bellsouth.net) ; [wastestreaminnovations@gmail.com](mailto:wastestreaminnovations@gmail.com)

**FACILITY CONTACT ADDRESS:**

290 Cashdon Drive  
Mills River, NC 28759

**PARTICIPANTS:**

Andrea Keller – NCDENR Solid Waste Section  
Andrew Huske – Facility Owner/Operator

**STATUS OF PERMIT:**

Active Demonstration Project – initiated April 23, 2010  
**Expiration Date – April 23, 2012**

**PURPOSE OF SITE VISIT:**

Partial – to discuss Closure Plan requirement

**STATUS OF PAST NOTED VIOLATIONS:** None

**OBSERVED VIOLATIONS:**

**15A NCAC 13B .0201 Permit Required (c)** No solid waste management facility shall be established, operated, maintained, constructed, expanded or modified without an appropriate and valid permit issued by the Division.

As of April 23, 2012 the facility has been operating with an expired Demonstration permit. On May 15, 2012 a meeting was conducted during which Mr. Huske was informed that a formal Closure Plan must be submitted to the Section which outlined the full closure of the facility, including the removal of all on-site wastes and product. No

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formal plan has been received by the Section. **The facility must, by August 1, 2012, submit this plan to Larry Frost (Permit Engineer) at the Asheville Regional Office (ARO).**

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

1. On site to conduct partial site inspection and to discuss Closure Plan requirements. Compost Demonstration approval expired on April 23, 2012. A meeting was held at the ARO on May 15, 2012 to discuss the requirement that the facility submit a Closure Plan to the Section.
2. The remaining material on site consisted of plastics, un-ground land clearing material and wooden pallets, ground/chipped material, manure, separated peats, finished compost product, curing compost product, and mixed plastics + peats. The facility was not accepting any waste streams at this time. During the site visit on June 4, 2012, it was verified that the stand-alone plastics (palletized) had been removed from the site (to be recycled/recovered).
3. Compost material consisted of ~1000 yds<sup>3</sup> of recently finished (temps) material, set to cure, ~1000 yds<sup>3</sup> of material waiting to be mixed/windrowed (peats, manure, chips), and ~1000 yds<sup>3</sup> of peat waiting to be screened/recovered from the plastics/potting piles and then windrowed/cured. Estimating an 8-weeks temperature regimen cycle, the facility would require a minimum of 16 weeks to finish active composting of all feed stocks on site.
4. The facility will be conducting analytical, pathogen, and foreign matter testing in August 2012 (last conducted in February 2012).
5. The facility has been granted a 3-month extension on the land lease, with the possibly to extend again based on satisfactory progress (removal of materials).
6. Closure Plan requirements were discussed. It was stated (AKeller) that **the Section required a plan in writing that included, at a minimum, options and timelines for the removal of the remaining plastics, compost, and un-ground/ground wood wastes.**

Please contact me if you have any questions or concerns regarding this inspection report.

  
Andrea Keller  
Environmental Senior Specialist  
**Regional Representative**

Phone: 828-296-4700

Mailed on: 7/16/12		Email: <a href="mailto:huskeandrew@bellsouth.net">huskeandrew@bellsouth.net</a> ; <a href="mailto:wastestreaminnovations@gmail.com">wastestreaminnovations@gmail.com</a>			<b>US Mail:</b> 290 Cashdon Drive Mills River, NC 28759
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ec: Michael Scott, Section Chief – Solid Waste Section  
Tony Gallagher, Compost and Land Application Branch Manager – Solid Waste Section  
Jason Watkins, Western District Supervisor – Solid Waste Section  
Larry Frost, Permit Engineer – Solid Waste Section  
Jessica Montie, Compliance Officer – Solid Waste Section